

# TECHNICAL WORK MAY NOT BEGIN PRIOR TO GO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

## REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO. / TASK NO.	JOB ORDER NUMBER	APPROP. FY
QSS Group, Inc.	NAS5- 99124 TASK NO. 61 AMENDMENT	410-287-15-63-89	99

TASK TITLE:

MAP Electrical System Integration and Testing Services

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)

Alex Coleman

DATE

4/29/99

ORG CODE 565

MAIL CODE 410.4

PHONE

301-286-7945

BRANCH HEAD

Paul Bryant

DATE

April 29, 1999

CODE

565

PHONE

301-286-7897

CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)

Fred Huegel

DATE

4/30/99

CODE

568

PHONE

301-286-2285

FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?

IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK

[ ] NO [X] YES

CONTRACTING OFFICER'S QUALITY REP.

Sic for L. Moore per email  
Larry Moore

DESIGNATED FAM:

Mike Delmont

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:

Date: MAY - 3 1999

Contractor will develop specification or statement of work under this task for a future procurement. [X] NO [ ] YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. [X] NO [ ] YES [ ] N/A

Government Furnished Property/Facilities: [X] NO [ ] YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: [ ] NO [X] YES If yes: [X] TOTAL [ ] PARTIAL  
If partial, indicate onsite work in SOW by asterisk (\*)

Surveillance Plan Attached: [X] NO [ ] YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be May 3, 1999.

### INCENTIVE FEE STRUCTURE (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	X No. 1	No. 2	No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 418,199.

The target fee of this task order is \$ 18,185.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 436,384.

The maximum fee is \$ 26,578.

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

*Lorrie L. Eakin*  
SIGNATURE OF CONTRACTING OFFICER

10/3/99  
DATE

Lorrie L. Eakin  
Contracting Officer

TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE

DATE

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**REQUEST FOR TASK PLAN / TASK ORDER**

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QSS Group, Inc.	NAS5- 99124	61	

Applicable paragraphs from contract Statement of Work: 2E, 2F

**STATEMENT OF WORK:****Senior Electrical Technician(s) Services**

The contractor shall provide services for the electrical system integration and testing for the spacecraft and instrument Microwave Anisotropy Probe (MAP) mission. These services shall include the responsibility for extensive trouble shooting of the MAP Electrical Subsystem and associated components, the execution of test procedures and test scripts, as well as the identification, explanation and resolution of problems encountered during testing.

**The following specific activities are required:**

- \* Maintain a daily updated event log on all activities performed each day for the purpose of documentation of activity status and historical events.
- \* Attend daily standup meetings. Obtain priorities of technical support required for the electrical system.
- \* Provide extensive and comprehensive trouble shooting on identified issues within the electrical system and identify specific problem(s). Report results (written or verbal as required by the ATR) to ATR or other identified lead for the activity.
- \* As a member of the testing team implement test procedures/test scripts, and provide written test reports following the test to the task ATR.
- \* Participate in all testing for the MAP instrument and spacecraft which involves the electrical system.
- \* Serve as the trained electrical technician(s) for using the various electrical equipment such as: Attenuators, O/E Converters, Power Meters, Optical Time Domain Reflectometers (OTDR), Oscilloscope, Multi-Meters, etc.

**PERFORMANCE SPECIFICATIONS:**

All activities involving Flight Hardware shall be in compliance with and adhere to the procedures specified in (1) MAP Quality Manual, MAP-MSN-MGMT-22 and appendices there to, and (2) MIL-STD-1773. All documentation will be configured in accordance with the MAP Configuration Management Plan, MAP-MSN-MGMT-21. All activities shall be in accordance with Goddard safety and engineering standards, procedures and guidelines.

Technicians shall be ESD, Crimping and Soldering certified throughout performance period.

**APPLICABLE DOCUMENTS:**

- (1) MIL-STD-177e
- (2) MAP Quality Manual, MAP-MSN-MGMT-22, and appendices thereto
- (3) MAP Configuration plan, MAP-MSN-MGMT-21
- (4) GSFC ISO 9000

**TASK END DATE:** 5/30/00**MILESTONES/DELIVERABLES AND DATES:**

- 1) Weekly Status Report of On-Going Activities.
- 2) Termination and Testing of Harness 8/1/99
- 3) Integration and Testing of Electronic Boxes 9/1/99
- 4) Environmental Testing 5/1/00

**PERFORMANCE STANDARDS:**

**Schedule:** On-time delivery/completion of the above milestones/deliverables  
**Technical:** ATR's acceptance of Trouble Shooting Results

**FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):**

Alex Coleman, building 29, room 360